

Horizon

Table-top Collator QC-S300

QC-S300

Bookletmaker SPF-9/FC-9

Punch Staple Unit PS-P61

Collate Easily and Efficiently
with new color touchscreen, energy-saving feature



Color LCD touchscreen provides user-friendly operation. Speed and expandability assure efficient production.

The QC-S300 high quality desk top collator can be expanded up to a 3 tower system to form a highly-productive 30 station collating system. A high quality bookletmaking system can also be added to expand your print finishing capabilities.



Point 1 ▶ Color LCD Touchscreen

The QC-S300 is equipped with a 5.7 inch color LCD touchscreen. Check, start, and stop buttons are positioned under the touchscreen for simple and easy operation.

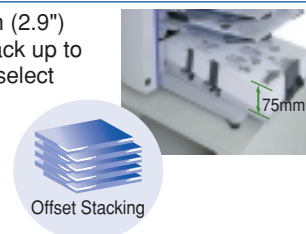


Point 2 ▶ High Speed Production - Max. 65 sets/min.

Maximum production speed is 65 sets/minute (A4 / 8.5" x 11" LEF). The QC-S300 features additional programming functions for efficient collating operations.

Point 3 ▶ Deep Receiving Tray - Max. 75 mm (2.9")

The receiving tray capacity is 75 mm (2.9") maximum, letting you collate and stack up to 90 10-sheet sets. The operator can select either straight or offset stacking.



Point 4 ▶ Stable Feeding

The large-diameter feed rollers enable the collator to handle a wide variety of sheets. The double feed stop pad and feed bins can be switched between high and low pressure settings for stable feeding.

Point 5 ▶ Energy-Saving Function and Quieter Operation

The touchscreen and sensor lamp are automatically turned off when the QC-S300 is inactive for a certain period of time. High frequency noise has also been reduced for quieter operation.

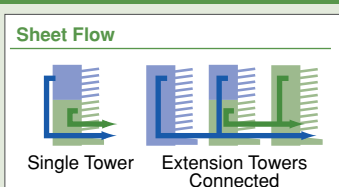
Power Saving

Reduce **70%**
in a standby mode.

• Efficient Programming Functions •

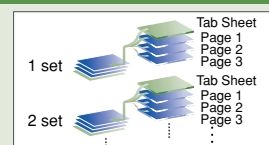
● Double Cycle

When any bin in the first section empties, the feeding switches over to the second section and continues collating. This maximize efficiency by giving the operator ample time to prepare stock for reloading.



● Preset Tabbing

Up to two tab sheets can be inserted to every pre-set collation. Suitable for inserting as a cover and back cover. When operating double cycle collation, only one tab sheet can be inserted.



● Preset Stop

The collating systems stops after a preset number of sets have been collated.

Optional Finishers

Punch Staple Unit PS-P61

Variable Functions

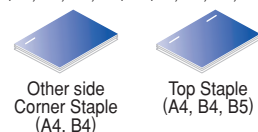
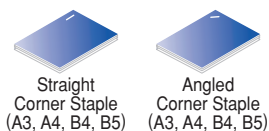
Stapling and punching can be synchronized with the collating sequence. Top/side stapling, corner stapling, and two hole punching are performed to finish your best suited documents.

*1 Optional punch unit PU-61 is required.

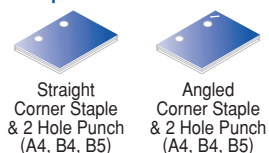
Easy to use

Desired staple pattern is selected by simply pushing a button. A light indicates when the system runs out of staples or a jam occurs.

■ Functions



Optional punch unit PU-61 is required.



QC-S300 + PS-P61

On-line Bookletmaker SPF-9/FC-9

High quality bookletmaking

Bookletmaking, side stapling, and corner stapling can be performed in-line with the QC-S300 collator. The FC-9 trims the fore-edge of the booklets for a professional finish.

High productivity

33 booklets per minute can be produced with top quality finish. Perfect for a short-run manual or document production.

Error monitoring

When the staple becomes empty or jammed, an error is indicated.



QC-S300 + QC-S300F + MT-100 x 2 + SPF-9 + FC-9

■ Functions



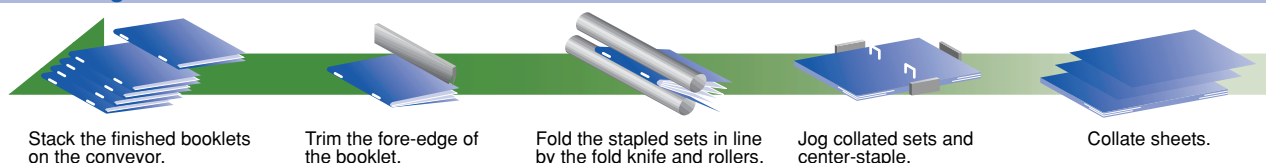
Stacking finished booklets



The ED-9 motor-driven conveyor provides smooth delivery of finished booklets for increased efficiency.

*2 Option for SPF-9/FC-9

■ Bookletmaking Flow



QC-S300 Major Specifications

Module Type	QC-S300		
Number of Bins	10 bins (Two extension modules QC-S300F allows to increase up to 30 bins.)		
Sheet Feeding System	Friction Feed		
Sheet Size	Max. 320(W) x 432(L) mm (12.59" x 17.00") (320(W) mm / 12.59" available in single collator only. Up to 305(W) mm / 12.00" collating with the extension module.) Min. 138(W) x 175(L) mm (5.44" x 6.89")		
Matrix Size	A5 / A4 / A3 / 11" x 17" / 8.5" x 14" / 8.5" x 11" / 5.5" x 8.5"		
Sheet Weight Range	52.3 to 127.9 gsm		
Bin Pile Height	28 mm (1.10")		
Operation Panel	5.7 inch Color LCD Touch Panel		
Error Detector / Indicator	Sheet Jam, No Sheet, Mis-Feed, Double Feed, Option Error, Tray Full and Cover Open		
Counter	Total Counter / Preset Counter		
Production Speed	Max. 65 sets/min. (A4LEF / 8.5" x 11"LEF)		
Receiving Tray	Off-set Stack, Straight Stack		
Receiving Tray Capacity	75 mm (2.95")		
Program Collation	Double Cycle Mode, Tab Sheet Insertion Mode, Preset Stop		
Energy Saving	Machine goes into "Energy Saving Mode" after a preset time.		
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 / 60 Hz		
Rated Current	QC-S300	100 V, 50 / 60 Hz	1.5 / 1.6 A
		115 V, 60 Hz	1.7 A
		230 V, 50 / 60 Hz	0.7 / 0.8 A
	QC-S300F	100 V, 50 / 60 Hz	1.8 / 1.7 A
		115 V, 60 Hz	1.8 A
		230 V, 50 / 60 Hz	0.9 A
Heat Output	QC-S300 : 270 kJ (65 kcal) / QC-S300F : 300 kJ (70 kcal)		
Motors	90 W x 1		
Machine Dimensions	580(W) x 529(D) x 1,030(H) mm (22.9" x 20.9" x 40.6")		
Machine Weight	QC-S300 : 73 kg (161 lbs.) / QC-S300F : 80 kg (177 lbs.)		

SPF-9 Major Specifications

Functions	Bookletmaking, Top/Side Stapling, Corner Stapling, Top Stapling and Folding, Folding only	
Matrix Size	A3 / A4 / 8.5" x 11" / 8.5" x 14" / 11" x 17"	
	Bookletmaking	A3 / A4 / 11" x 17" / 8.5" x 11" / 8.5" x 14"
	Top/Side Stapling	A4 / 8.5" x 11"
	Corner Stapling	A4SEF / 8.5" x 11"SEF
	Folding only	A3 / A4 / 11" x 17" / 8.5" x 11" / 8.5" x 14"
	Top Stapling and Folding	A4SEF / 8.5" x 11"SEF
	Corner Stapling and Folding	A4SEF / 8.5" x 11"SEF
Sheet Weight Range	64 to 127 gsm	
Staple Thickness	Bookletmaking	Max. 20 sheets (Normal Paper 64 gsm)
		Max. 10 sheets (Normal Paper 127 gsm)
	Top/Side Stapling or Corner Stapling	Max. 20 sheets (Normal Paper 127 gsm)
Staple Distance	Fixed 120 mm (4.7")	
Stapling Wire	No. 510 Cartridge Type (5,000 staples/cartridge)	
Receiving Capacity	100 books (A3 - 64 gsm / 16# bond, 10 sheets)	
Error Detector / Indicator	Sheet Jam, No Staple, Collator Error, Cover Open	
Counter	Total Counter	
Production Speed	Max. 33 booklets/min.	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 115 V, 60 Hz, 6.0 A	
	Single Phase 230 V, 50 Hz, 3.0 A	
Heat Output	480 kJ (110 kcal)	
Motors	90 W x 1	
Machine Dimensions	Stand Alone : 1,240(W) x 621(D) x 796(H) mm (48.9" x 24.5" x 31.4") (with Delivery Tray)	
	SPF-9+FC-9 : 1,690(W) x 621(D) x 796(H) mm (66.6" x 24.5" x 31.4") (with Delivery Tray)	
Machine Weight	154 kg (340 lbs.)	

FC-9 Major Specifications

Booklet Size (Before Trim)	A4 / B5 / A5	
Booklet Size (After Trim)	Max. 325(W) x 225(L) mm (12.7" x 8.8")	
	Min. 210(W) x 135(L) mm (8.3" x 5.4")	
Trimming Width	2 to 13 mm (0.079" to 0.51")	
Trimming Thickness	Max. 3 mm (0.11") (64 gsm 40 sheets)	
Production Speed	Max. 33 booklets/min.	
Error Detector / Indicator	Sheet Jam, Knife Lock, Trimmings Full	
Counter	Total Counter	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 115 V, 60 Hz, 3.0 A	
	Single Phase 230 V, 50 Hz, 1.5 A	
Heat Output	180 kJ (40 kcal)	
Motors	40 W x 1	
Machine Dimensions	795(W) x 621(D) x 796(H) mm (31.3" x 24.5" x 31.4") (with Delivery Tray)	
Machine Weight	101 kg (223 lbs.)	

PS-P61 Major Specifications

Functions	Top Stapling, Angled Corner Stapling, Straight Corner Stapling, Other Side Corner Stapling, Two Hole Punching (option) *1	
Sheet Size	Max. 300(W) x 432(L) mm (11.8" x 17.0") Min. 182(W) x 257(L) mm (7.2" x 10.2")	
Matrix Size	Top Stapling	A4 / 8.5" x 11" / 8.5" x 14"
	Angled Corner Stapling	A3 / A4 / 11" x 17" /
	Straight Corner Stapling	8.5" x 11" / 8.5" x 14"
	Other Side Corner Stapling	A4 / 8.5" x 11" / 8.5" x 14"
	Two Hole Punching (option) *1	A4 / 8.5" x 11" / 8.5" x 14"
Sheet Weight Range	Normal Paper 53 to 127 gsm (Up to 104 gsm on Punching)	
Staple Thickness	Side or Corner Stapling : Max. 10 sheets (Normal Paper 127 gsm) Optional Punch Capability : Max. 10 sheets (Normal paper 104 gsm)	
Staple Distance	Staple Distance : 148 mm (A4), 8.14" (8.5" x 14"), 5.13" (11" x 8.5") Corner Staple Angle : 0 degree or 30 degree selectable	
Stapling Wire	No. 510 Cartridge Type (5,000 staples/cartridge)	
Receiving Capacity	70 mm (2.7") (A4 size, corner stapling, 70 booklets of 10 sheets [64 gsm])	
Error Detector / Indicator	Sheet Jam, No Staple, Stapler Error, Cover Open, Sheets Full on Delivery Tray	
Other Functions	Jogging Motion : Once or Two Times selectable / Staple Position : Automatic Setting	
Production Speed	Side Stapling : Max. 12 sets/min. / Corner Stapling : Max. 25 sets/min.	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 230 V, 50 Hz, 0.8 A	
Heat Output	400 kJ (90 kcal)	
Machine Dimensions	1,115(W) x 562(D) x 580(H) mm (43.9" x 22.2" x 22.9") (with Delivery Tray)	
Machine Weight	74 kg (163.2 lbs.)	

*1 Optional punch unit PU-61 is necessary.

Options

QC-S300 Options

- Extension Module : **QC-S300F**
- Pedestal with Wheel : **MT-100**
- Delivery Unit for Side Stapling : **CT-S30**

PS-P61 Option

- Punch Unit : **PU-61**
- **SPF-9/FC-9 Option**
- Delivery Conveyor : **ED-9**

Manufactured by
Taiyo Seiki Co., Ltd.

The machine design and specifications are subject to change without any notice.

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